

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S1 | 1595 | 708/200,203,204,209,230,234,250, 253,256.ccls. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 17:26 |
| S2 | 1110 | 380/36-37,44.ccls. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 11:23 |
| S3 | 2685 | S1 or S2 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 11:23 |
| S4 | 2850 | block with (cipher\$3 or cryptography) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 11:23 |
| S5 | 114 | S4 and ("functional module") | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 11:23 |
| S6 | 94 | S5 and (parallel with (input and output)) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 11:57 |
| S7 | 0 | S6 and (cascad\$3 or (sequential\$2 adj (coupl\$1 or communicating))) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 11:24 |
| S8 | 120 | S4 and (cascad\$3 or (sequential\$2 adj (coupl\$1 or communicating))) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 14:31 |

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|-----|------|---|--|----|----|------------------|
| S9 | 248 | S4 and (parallel with (input and output)) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 11:52 |
| S10 | 347 | S6 or S8 or S9 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 11:25 |
| S11 | 1557 | S3 and @ad<"19981123" | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 11:25 |
| S12 | 35 | S10 and S11 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 11:25 |
| S13 | 24 | S9 and S11 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 11:59 |
| S14 | 20 | S6 and @ad<"19981123" | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 11:57 |
| S15 | 0 | S5 and S8 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 11:58 |
| S16 | 12 | S8 and S11 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 11:59 |

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|-----|------|---|--|----|----|------------------|
| S17 | 20 | parallel with (sbox or "s-box" or "substitution box") | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 14:25 |
| S18 | 4 | S17 and @ad<"19981123" | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 14:24 |
| S19 | 8 | (parallel with (input and output)) and (sbox or "s-box" or "substitution box") and @ad<"19981123" | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 14:26 |
| S20 | 2850 | block with (cipher\$3 or cryptography) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 14:31 |
| S21 | 120 | S20 and (cascad\$3 or (sequential\$2 adj (coupl\$1 or communicating))) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 14:44 |
| S22 | 55 | S21 and @ad<"20010423" | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 14:35 |
| S23 | 0 | S22 and "functional module" | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 14:32 |
| S24 | 4 | S22 and (parallel with (input and output)) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 14:32 |

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|-----|--------|--|--|----|----|------------------|
| S25 | 43 | S21 and round | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 14:44 |
| S26 | 6 | S25 and @ad<"19981123" | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 14:44 |
| S27 | 12 | ("5768389" or "6651166" or "6324645" or "6401203" or "6370249" or "6330671").pn. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 15:32 |
| S28 | 3 | bilchev | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:03 |
| S29 | 2 | "6101255".pn. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:13 |
| S30 | 2715 | 703/13-17,27-28.ccls. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:13 |
| S31 | 1320 | S30 and @ad<"19981123" | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:14 |
| S32 | 753733 | (random or generat\$3) with (design or circuit or logic) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:18 |

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|-----|------|--|--|----|----|------------------|
| S33 | 700 | S31 and S32 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:15 |
| S34 | 2852 | block with (cipher\$3 or cryptography) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:16 |
| S35 | 248 | S34 and (parallel with (input and output)) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:15 |
| S36 | 0 | S33 and S35 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:15 |
| S37 | 0 | S35 and S31 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:15 |
| S38 | 1 | S34 and S31 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:18 |
| S39 | 1 | S33 and S34 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:18 |
| S40 | 1595 | 708/200,203,204,209,230,234,250, 253,256.ccls. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:18 |

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|-----|------|------------------------|--|----|----|------------------|
| S41 | 1110 | 380/36-37,44.ccls. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:18 |
| S42 | 2685 | S40 or S41 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:19 |
| S44 | 1557 | S42 and @ad<"19981123" | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:19 |
| S45 | 791 | S44 and S32 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:19 |
| S46 | 68 | S45 and S34 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:20 |
| S47 | 35 | S46 and parallel | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:27 |

| Set | Items | Description |
|-----|--------|---|
| S1 | 12522 | (FUNCTION? OR CIPHER OR CIPHER OR ENCIPHER OR ENCYPER) () (U-NIT? ? OR MODULE? ?) |
| S2 | 600216 | INPUT? ? OR OUTPUT? ? |
| S3 | 300820 | PROCESSING()UNIT? ? OR CPU OR PROCESSOR? ? OR MICROPROCESSOR? ? |
| S4 | 12482 | (FUNCTION?) () (UNIT? ? OR MODULE? ?) |
| S5 | 34629 | ENCRYPT? OR CIPHER? OR CYpher? OR ENCIPHER? OR ENCYPER? |
| S6 | 42 | (CIPHER OR CIPHER OR ENCIPHER OR ENCYPER) () (UNIT? ? OR MODULE? ?) |
| S7 | 404 | (REVERSIBLE OR REVERSIBLE) () (TRANSFORM? OR OPERATION? ?) |
| S8 | 90 | S4 (10N) (S5 OR S7) |
| S9 | 12 | (S8 OR S6) (30N) S2 (30N) S3 |
| S10 | 6 | S9 AND IC=H04L |
| S11 | 6 | IDPAT (sorted in duplicate/non-duplicate order) |
| S12 | 6 | IDPAT (primary/non-duplicate records only) |

? show files

File 348:EUROPEAN PATENTS 1978-2005/Dec W01
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File 349:PCT FULLTEXT 1979-2005/UB=20051208,UT=20051201
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Set Items Description
S1 600216 INPUT? ? OR OUTPUT? ?
S2 300820 PROCESSING()UNIT? ? OR CPU OR PROCESSOR? ? OR MICROPROCESS-
 OR? ?
S3 15741 (FUNCTION?)()UNIT? ? OR MODULE? ? OR APPARATUS OR MACHINE?
 ? OR SYSTEM? ?)
S4 34629 ENCRYPT? OR CIPHER? OR CYpher? OR ENCIPHER? OR ENCYpher?
S5 42 (CIPHER OR CIPHER OR ENCIPHER OR ENCYPER)()UNIT? ? OR MOD-
 ULE? ?)
S6 404 (REVERSIBLE OR REVERSIBLE)()TRANSFORM? OR OPERATION? ?)
S7 14224 (UNIT? ? OR MODULE? ? APPARATUS OR MACHINE? ? OR SYSTEM? ?-
)(10N)(S4 OR S6)
S8 916 S7 (30N) S1 (30N) S2
S9 613 S8 AND IC=(H04L OR G06F)
S10 191 S9 AND AY=1978:1998
S11 36809 (SELECT?? OR SELECTING OR SELECTION? ? OR CHosen OR CHOOSE?
 ? OR CHOOSING)(5N)CIRCUIT? ?
S12 35033 (CONFIGURE? ? OR CONFIGURING OR CONFIGURATION? ?)(5N)CIRCU-
 IT? ?
S13 4467 RANDOM?(5N)CIRCUIT? ?
S14 28 S10 AND (S11 OR S12 OR S13)
S15 28 IDPAT (sorted in duplicate/non-duplicate order)
S16 28 IDPAT (primary/non-duplicate records only)
File 348:EUROPEAN PATENTS 1978-2005/Dec W01
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File 349:PCT FULLTEXT 1979-2005/UB=20051208,UT=20051201
 (c) 2005 WIPO/Univentio

| Set | Items | Description |
|--|---------|---|
| S1 | 2706414 | INPUT? ? OR OUTPUT? ? |
| S2 | 720425 | PROCESSING()UNIT? ? OR CPU OR PROCESSOR? ? OR MICROPROCESS- OR? ? |
| S3 | 9967 | (FUNCTION?)()UNIT? ? OR MODULE? ? OR APPARATUS OR MACHINE? ? OR SYSTEM? ?) |
| S4 | 29687 | ENCRYPT? OR CIPHER? OR CYpher? OR ENCIPHER? OR ENCYpher? |
| S5 | 35 | (CIPHER OR CIPHER OR ENCIPHER OR ENCYPER)()UNIT? ? OR MOD- ULE? ?) |
| S6 | 285 | (REVERSIBLE OR REVERSIBLE)()(TRANSFORM? OR OPERATION? ?) |
| S7 | 52 | S3 AND (S4 OR S6) |
| S8 | 9 | (S7 OR S5) AND S1 AND S2 |
| S9 | 9 | IDPAT (sorted in duplicate/non-duplicate order) |
| S10 | 9 | IDPAT (primary/non-duplicate records only) |
| S11 | 6922526 | UNIT? ? OR MODULE? ? APPARATUS OR MACHINE? ? OR SYSTEM? ? |
| S12 | 21483 | S11 AND (S4 OR S6) |
| S13 | 10327 | S11 (10N) (S4 OR S6) |
| S14 | 488 | (S13 OR S5) AND S1 AND S2 |
| S15 | 408 | S14 AND IC=(H04L OR G06F) |
| S16 | 132 | S15 AND AY=1963:1998 |
| S17 | 8306 | S11 (5N) (S4 OR S6) |
| S18 | 404 | (S17 OR S5) AND S1 AND S2 |
| S19 | 6410 | RANDOM?(5N)CIRCUIT? ? |
| S20 | 2 | S18 AND S19 |
| S21 | 16955 | (CONFIGURE? ? OR CONFIGURING OR CONFIGURATION? ?)(5N)CIRCU- IT? ? |
| S22 | 77642 | (SELECT?? OR SELECTING OR SELECTION? ? OR CHOSEN OR CHOOSE? ? OR CHOOSING)(5N)CIRCUIT? ? |
| S23 | 10 | S18 AND (S21 OR S22) |
| S24 | 10 | IDPAT (sorted in duplicate/non-duplicate order) |
| S25 | 10 | IDPAT (primary/non-duplicate records only) |
| File 347:JAPIO Nov 1976-2005/Jul(Updated 051102) (c) 2005 JPO & JAPIO | | |
| File 350:Derwent WPIX 1963-2005/UD,UM &UP=200579 (c) 2005 Thomson Derwent | | |

| Set | Items | Description |
|------|--|--|
| S1 | 1813320 | INPUT? ? OR OUTPUT? ? |
| S2 | 574539 | PROCESSING()UNIT? ? OR CPU OR PROCESSOR? ? OR MICROPROCESS- OR? ? |
| S3 | 24155 | (FUNCTION?)()UNIT? ? OR MODULE? ? OR APPARATUS OR MACHINE? ? OR SYSTEM? ?) |
| S4 | 40833 | ENCRYPT? OR CIPHER? OR CYpher? OR ENCIPHER? OR ENCYpher? |
| S5 | 14 | (CIPHER OR CIPHER OR ENCIPHER OR ENCYPER)()UNIT? ? OR MOD- ULE? ?) |
| S6 | 1972 | (REVERSIBLE OR REVERSIBLE)()(TRANSFORM? OR OPERATION? ?) |
| S7 | 17507163 | UNIT? ? OR MODULE? ? APPARATUS OR MACHINE? ? OR SYSTEM? ? 9 S3 (10N) (S4 OR S6) |
| S8 | 65 | S3 AND (S4 OR S6) |
| S10 | 0 | (S9 OR S5) AND S1 AND S2 |
| S11 | 8115 | S7 (10N) (S4 OR S6) |
| S12 | 45 | S11 AND S1 AND S2 |
| S13 | 24 | S12 NOT PY>1998 |
| S14 | 17 | RD (unique items) |
| File | 8:Ei Compendex(R) 1970-2005/Dec W1 (c) 2005 Elsevier Eng. Info. Inc. | |
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